

Claims

1. A mobile telephone device including:
 - a single transceiver for connecting the telephone device to a mobile telephone
 - 5 network; and
 - a controller coupled to the transceiver, the controller operative to place the mobile telephone device in either:
 - a telephone condition thereby allowing a user to selectively connect to the mobile telephone network; or
 - 10 in response to receiving an alarm signal, an alarm condition to connect the transceiver to the mobile telephone network and thereby notify a predetermined terminal of the receipt of the alarm signal.
2. A mobile telephone device according to claim 1 wherein the alarm signal is
- 15 received in response to the detection of unauthorised activity in respect of a vehicle in which the mobile telephone device is installed.
3. A mobile telephone device according to claim 2 wherein a switch is arranged to place the mobile telephone device in the alarm condition in response to switching off
- 20 of the vehicle and in the telephone condition in response to ignition of the vehicle.
4. A mobile telephone device according to claim 3 wherein the controller further includes means for diverting incoming communications received when the telephone device is in the alarm condition, to an answering service.
- 25 5. A mobile telephone device according to any one of claims 2 to 4 wherein the mobile telephone device forms part of a mobile telephone for installation in the vehicle.
- 30 6. A mobile telephone according to claim 5 wherein the mobile telephone in the vehicle is substantially hidden from view.
7. A mobile telephone according to claim 5 or claim 6 further including a keypad that is operable between a hidden condition in which the keypad is hidden from view, and

an operative position, in which the key pad is visible and is readily accessible to a driver of the vehicle.

8. A mobile telephone according to any one of claims 5 to 7 further including a
5 disconnectably connectable headset comprising a microphone-and-speaker system.

9. A mobile telephone according to any one of claims 5 to 8 further including a speaker in the form of an ear-piece for location in an ear of a driver of the vehicle.

10 10. A mobile telephone according to any one of claims 5 to 9 further including a dial-up system for permitting a user to control the mobile telephone device by use of a mobile telephone handset, and to connect the handset to the mobile telephone network.

15 11. A mobile telephone according to claim 10 wherein the dial-up system includes a device for receiving audio signals from the handset, the audio signals being generated in response to the pressing of keys on a keypad of the handset, and for converting the audio signals to electronic command signals for the mobile telephone.

20 12. A mobile telephone according to claim 11 wherein the conversion of the audio signals is in accordance with standard protocols such as DTMF.

25 13. A mobile telephone according to claim 5 further including a cordless keypad for interfacing with the controller of the mobile telephone device via wireless communication signals, such as infra-red communication signals.

14. A mobile telephone device according to any one of claims 1 to 13 wherein the transceiver includes means for providing a position signal indicative of the geographical position of the mobile telephone device.

30 15. A mobile telephone device according to any one of claim 1 to 14 wherein the predetermined terminal is the user's mobile telephone.

16. A mobile telephone device according to any one of claims 1 to 15 wherein the notification of the alarm signal is by way of a text message.

5 17. A mobile telephone device according to any one of claims 1 to 17 wherein the notification is a voice call.

18. A mobile telephone device including:

a single transceiver for connecting the telephone device to a mobile telephone; and

10 a controller coupled to the transceiver, the controller operative to place the mobile telephone device in either:

a telephone condition thereby allowing a user to selectively connect to the mobile telephone network; or

15 in response to receiving an alarm signal, an alarm condition to connect the transceiver to the mobile telephone network,

the controller having a security subscriber identification module for use in connection to the mobile telephone network when the mobile telephone device is in the alarm condition and a user subscriber identification module for use in connection to the mobile telephone network when the mobile telephone device is in the telephone condition.

19. A mobile telephone device according to claim 18 wherein the user subscriber identification module is one of a pair of subscriber identification modules both of which identify the same account with said account being a different account from that identified by the security subscriber identification module.

20. A mobile telephone device according to claim 19 wherein the user's mobile telephone operates with a twin-call SIM-card identifying the same account as the user SIM-card in the mobile telephone device.

21. A mobile telephone device according to any one of claims 18 to claim 20 wherein the security subscriber identification module and the user subscriber identification module are SIM-cards.

- 5 22. A mobile telephone device according to any one of claims 18 to 21 wherein the alarm signal is received in response to the detection of unauthorised activity in respect of a vehicle in which the mobile telephone device is installed.

- 10 23. A mobile telephone device according to claim 22 further including a switch arranged to place the mobile telephone device in the alarm condition by connecting the transceiver to the security SIM-card in response to switching off of the vehicle and in the telephone condition by connecting the transceiver to the user SIM-card in response to ignition of the vehicle.

- 15 24. A mobile telephone device according to any one of claims 18 to 23 wherein the controller sends an alarm message to a predetermined terminal in response to receiving the alarm signal.

- 20 25. A mobile telephone device according to claim 24 wherein the alarm message is a text message.

26. A mobile telephone device according to any one of claims 24 wherein the notification is a voice call.

- 25 27. A mobile telephone device according to any one of claims 18 to 26 wherein the transceiver includes means for providing a position signal indicative of the geographical position of the mobile telephone device.

- 30 28. A mobile telephone device according to any one of claims 22 to 27 wherein the mobile telephone device forms part of a mobile telephone for installation in the vehicle.

29. A mobile telephone according to claim 28 wherein the mobile telephone in the vehicle is substantially hidden from view.

5 30. A mobile telephone according to claim 30 further including a keypad that is operable between a hidden condition in which the keypad is hidden from view, and an operative position, in which the key pad is visible and is readily accessible to a driver of the vehicle.

10 31. A mobile telephone according to claim 30 further including a disconnectably connectable headset comprising a microphone-and-speaker system.

32. A mobile telephone according to claim 31 further including a speaker in the form of an ear-piece for location in an ear of a driver of the vehicle.

15 33. A mobile telephone according to claim 32 further including a dial-up system for permitting a user to control the telephone control unit by use of a mobile telephone handset, and to connect the mobile telephone to the telephone network.

20 34. A mobile telephone according to claim 33 wherein the dial-up system includes a device for receiving audio signals from a mobile telephone handset, the audio signals being generated in response to the pressing of keys on a keypad of the mobile telephone handset, and for converting the audio signals to electronic command signals for the mobile telephone.

25 35. A mobile telephone according to claim 34 wherein the conversion of the audio signals is in accordance with standard protocols such as DTMF.

30 36. A mobile telephone according to claim 28 further including a cordless keypad for interfacing with the control unit of the mobile telephone via wireless communication signals, such as infra-red communication signals.

37. A monitoring application including a mobile telephone device according to any one of claims 1 to 36 wherein the alarm signal is received by the mobile telephone

device when a predetermined value of a performance variable relating a process located at a remote location is not met.

38. A security system for protection of an area, the system including:

5 an alarm arrangement for detecting unauthorised activity in respect of the protected area and for generating an alarm signal in response to detection of the unauthorised activity; and

 a mobile telephone device connected to the alarm arrangement, the mobile telephone device being operable in an alarm condition to connect to a
10 mobile telephone network and notify a predetermined terminal of the generation of the alarm signal and in a telephone condition to allow a user to connect to the mobile telephone network.